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Of the Diseases & Disorders of the
Organs of ~~Speech~~ Voice & Speech.

of the Disorders of the Lungs & Omentum.

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Of the Diseases & Disorders of the Organs of Speech

Hoarseness.

This distressing Disease of the Trachia, and Glottis is induced by the following Causes.

1 A tumor in the Trachia. I have seen two instances of hoarseness from this Cause. In one of them the tumor finally became so large as to obstruct respiration, and thereby to induce death. In the other, the tumor suppurated, and induced a tracheal consumption which likewise terminated fatally.

2 Ulcers in the Trachia and or upon the Glottis.

prevalence of
V It occured ~~in the~~ during the yellow
fever of 1797 in many persons who
had no other sign of indisposition,

3 Lophi or calcarious Mallow in the Trachia formed probably from secreted congulable lymph.

4 a Dryness in the Trachia and edges of the Glottis from the defect of mucus upon those parts. This is often transient as in Catarrhs, but it is often permanent as in hard Drinkers and in pulmonary Consumption. It sometimes occurs in the last stage of Dysentery, - But it now and then exists unconnected with any other disease. I have known an irritation of its alternating with head ach. It is much influenced by the weather, and the state of the Skin. I have known it for years to come on in Oct. & go off in warm weather in a Gentleman

6,

in this City.

The Remedies for it should be suited to its causes.

1 If there be reason to suspect that it is occasioned by a tumor in the Trachia, which may be known by a Sensation like a puncture with a pin, it must be opened by a Lancet thrust between the rings of the Trachia.

2 If from an abscess or Ulcer or Syphi, the remedy should be a Salivation.

3 If it arise from a Dryness in the Trachia or Glottis, & especially if it be induced by the weather, the remedies should be general and local bleeding - blisters to the throat - emetics - and a Salivation is indicated by the Use of emetics ~~must be obvious~~

~~from this~~ Sympathy of the Trachia
with the Stomach. With these remedies
the Vapor of Rosemarish boiled in Vine-
-egar and Water should be inhaled into
the lungs. a powder composed of Spermac-
-eti loaf Sugar, oil of Aniseed & Spirit of
Hartshorn intimately mixed, and licked
frequently with the tongue has been
useful in removing this disease. I once
knew an instance in which a hoarse-
-ness of long Continuance was suddenly
cured by the patients taking a bad cold.
The inflammation of the Trachia. and
Glottis in this case probably removed the
Atony of their Vessels.

Paraphonia

or speaking in a whisper. This a lower grade of hoarseness, and arises from all its causes. Its Remedies should be the same as for that disease.

Aphonia

or the total Absence of Speech arises from deafness in which case it is congenial. The organs of Speech are unimpaired in these cases. It has been cured by teaching the subjects of it to speak in the manner formerly Described. A new mode has lately been proposed to cure this Native Aphonia, and that is by rupturing the Drum of the ear so as to open a Communication between the Cavity of the Tympanum and the external air

2 Aphonia is induced by Chronic fevers, and by Catapsh. It is induced in these cases by a paralysis of ~~the~~ one or more of the Organs of Speech, and most generally of the glottis.

Its Remedies thought be emetics, Blisters, Electricity, and a fabivation. Hallowing down the throat has once cured it. —

Stammering

Is a convulsive motion of the muscles which move the Glottis, tongue & lips. It sometimes affects all three of these parts, but more generally but two, or but one of them. The disease is guttural, lingual or Labial according to the parts, or part that is affected. The Guttural may be known by the difficulty with which the letters R. and

It are pronounced, when they are the ini=
=tials of a word. The lingual may be known
by the difficulty with which the letter L
is pronounced, and the labial by the dif=
=ficulty with which the letters B: & P. are
pronounced when they are the initials of
a word. When all those letters are pronounced
with difficulty, the disease is ~~seated~~ in all
the three Constituents Organs of Speech.
It is ~~excited~~ imparted in all those parts by predis=
=posing debility and excitability. I have
have known two instances in which it
was responded by the temporary tone
imparted to the Organs of Speech by
the excitement of an acute fever.

The Remedies for this disease should be accommodated to the ~~wounded~~ Organs, or Organs of Speech that are affected, and they should all be of a stimulating Nature. The following facts prove the propriety of this remark.

1 Demosthenes the famous Orator of Greece was afflicted with this disease in early life. He cured it by speaking to the waves of the Sea when they were agitated by the Wind, and by holding pebbles in his mouth. The former gave tone to the Glottis, the latter to the tongue, in which parts his Disease was seated.

2 It was cured in a Son of Dr Darwin's

(e,

by sending him from home at twelve
years of age, and obliging him to learn
the french language. The exertions of
all the three organs of Speech is necessary to
pronounce the words of a new language,
many of which being difficult to English=
~~Organs~~=men, gave tone to those organs
and thus cured him.

3 Dr Darwin ~~Hooke~~ who stammered when
sober, spoke fluently when under the in=
=fluence of strong drink. I know a Gentle=
=man in this city in whom a few
extra glasses of wine have the same effect,
in the same disease. The liquor in both
these cases imparted a temporary tone

to the Organs of Speech in which the predis-
-posing debility to the disease existed.

4 The disease is at all times suspended by
Singing, Laughing, and Speaking slowly.
Of this I could mention several instances.
The late Rev^d D^r Rodgers of new York was cured
~~by this~~ of Stammering wholly in the
pulpit, by slow Speaking, bordering upon
a tone which approached to music.
All these remedies act only by giving
tone to the Organs of Speech.

5 I have known two instances in which the
disease was suspended by the temporary tone
~~of excitement~~ given to the Organs of Speech
by the excitement of an acute fever.
It was suspended in George 3^d of England

6 The disease is always encreased by
Anger and terror.

7 It is sometimes acquired by imita-
-tion.

[illegible] During this paroxysms of madness.

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From these facts we are led to suggest the following Remedies for this disease

1 If the glottis only be affected what would be the effect of Blisters, and shocks of Electricity applied to the Larynx, in addition to one of the remedies that cured Dr -mothomes - that is hallowing?

2 If the tongue only be affected what would be the effect of polished substances kept constantly in the mouth ~~Bi~~ such as smooth pebbles: or pieces of polished metal?

3 If the seat of the disease be in the lips what would be the effect of inflaming them by mild irritants of any kind?

4 If but two of the Organs of Speech be affected, or all of them, what would be the effect of employing all the remedies I have suggested for each of them?

As a palliate remedy for this disease Dr Darwin advises, ~~not~~ always to avoid an Attempt to pronounce the first Syllable of a word that contains any of the letters that excite it. Thus if the disease be seated in the Glottis, and it should be necessary to pronounce the words Religion, or happiness ~~should occur~~ the words Piety & felicity should be substituted to them. If the disease be seated in the tongue, and it should be necessary to pronounce the word Love, the word affection should be prefered to it, & if it be seated in Lips, & ~~the~~ it should

In this manner the Revd Jos: Wade
a celebrated ~~preacher~~ Clergyman in
the London ~~concealed his~~ who was afflicted with
~~his~~ concealed it from his
audience by always substituting
~~words to~~ to Synonymous words to
those he could not utter without
Discovering his diocase.

8 be necessary to pronounce the words beauty=
=full, ~~and~~ or prudente, the words handsome
and discreet should be chosen instead of
them, to convey the ideas of those bodily
and mental Qualities. If the disease be
of Speech
seated in two or more of the Organs & the same Care=
=tion should be extended to all the words
that begin with letters or Syllables that
cannot be uttered without Stammering. V

As the disease is increased by Anger &
terror, ~~both~~ the exciting Causes of both
ought to be carefully avoided; and As it
is sometimes acquired by imitation,
young persons should be carefully separated
with it.
from the persons who are affected & It
is most apt to be acquired, where the

subject of it ~~is interested~~ has other qualities
that are of an estimable nature.

There is one more fact connected with
the history of this disease, ~~that you will~~ more extraordi=
=nary than any that has been
mentioned, and that is, persons who are
affected with it, are ~~seen~~ sometimes igno=
=rant of it. ~~I know~~ Of this I have heard
of one, and known another instance.
A ~~Gentleman~~ Physician in Maryland who was
once my pupil was much affected with this
disease. Some ~~year~~ time ~~ago~~ after he left me,
he brought a daughter & a pleasant little
girl of about 12 years old to our city to
be placed in a boarding School. This little
girl stammered ~~so~~ very much ~~in speaking~~
in speaking. ~~He~~ Her father menti=
=oned it to

with Concern
by me in his usual Humouring way, and
wondered where the little limper had
learned it. A more remarkable instance
of Self deception is rarely to be met
with, especially - to a bodily defect. The
little Girl was happily cured of it, and only
by her being seperated from her father.

Of the Disorders of the Organs of Speech.

I have already mentioned several of them,
but there is one more which seldom affects
either the Voice or Speech, and that is a pre=
=ternatural secretion & excretion of mucus in the Trachia.
Sometimes it assumes a purulent ap=
=pearance, and again In both cases it is
sometimes of a black color. This color
is often induced by inhaling the smoke

of candles, but more frequently of lamps,
– hence it has been observed most frequently
in the morning after passing the previous
evening at the theatre which is generally
illuminated only by lamps in which a
Dark coloured Oil is burnt. The most copious
discharge of this mucus and purifirom
matter is in the morning, and in damp
weather. It has been called a Tracheal Glut.
It sometimes brings on what has lately
been called the Tracheal Consumption,
but I have known three instances in which
it has continued from early life to
a great age without in the least
impairing general health. One of these
persons lived to be above 80 years of age.
The other two lived to be above seventy.

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I have known two persons in whom this
glut was congenital and external — that
is they had a constant discharge from a
small aperture upon the trachia which resem-
~~bled~~ bled in every respect the matter which
was hawked up from it, and discharged from
the mouth. One of them was in ~~the~~ the
Classmate of mine at a School in West Vir-
ginia in Maryland. I do not know
that it communicated with the trachia,
but it was generally said that it did. This
Classmate enjoyed good health, had no cough,
and died in the year 1807 above 60 years
of age. His death was induced by large
tumors in his neck, perhaps induced by
the stoppage of the discharge upon this
trachia.

from the salutary effects of this external discharge in the case that has been mentioned, perhaps an artificial discharge of the same kind might be useful in preventing Consumptions and other inconveniencies when the discharge is internal.

Of the Disorders of the Lungs as connected with Voice & Speech I have mentioned in treating upon pulmonary Consumptions.

I have mentioned likewise in ~~plan~~ the Disorders of the Liver & Spleen in speaking of their diseases.

The Omentum

is subject to an excess of fat, to tubercles, and Obstructions.

Upon the Subject of the Cure of Visceral Obstructions of all kinds, I shall barely mention

that in addition to exercise & baths,
Cayenne Pepper
~~Abstinence~~ has sometimes had wonderful
effects in resolving them. Recollect the fact
formerly mentioned of a number of
British Officers who were taken prisoners
by Tippoo Said in the East Indies, and who
were all indisposed with Visceral Obstructions.
They were fed with a pound of Rice Daily &
all of them recovered, without a
Drank Nothing but Water. ~~when they were~~
vestige of this disorder being perceptible to any of
~~exchanged after a long captivity~~
them. when they were exchanged after a
long Captivity, they found most of their
brother officers whom they had left indisposed
with the same Complaints, they found most
of them dead. This fact suggests an important
remedy for Visceral & perhaps Other Obstructions,
and that is Abstinence bordering upon fasting.

I compared the Lymphatics in our Physiology to
Swine that fed upon the filth of our Streets. I
have said that the Lymphatics become hungry
in ~~famishing~~ fasting. We see this in Dropsies in which
they absorb water, and in fevers in which they
absorb fat. By the same means may they not
be let loose upon all Other matters in the body
that are redundant in Quantity or of an offen-
-sive Quality. I have often seen tumors subside
disappear during a Chronic fever. Even Buboes
have thus evanished from our senses. In ~~the~~
employing ~~dimple~~ this remedy ~~diet~~, it will be necessa-
-~~ry~~ ~~to~~ ~~and reduced~~ ~~,~~ ~~,~~
-ry ~~Chiefly~~ to abstract not only very nourishing
Aliment, but to lessen its Quantity. A little
salted meat or fish, and a few toasts moistened
may be given at the same time in order to
preserve the tone of the Stomach & bowels.
The Lymphatics are two evils, and too Gluttonous
to blunt their Appetites by feeding upon either
of them.